

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 210 (INDIANHEAD HIGHWAY) AND PALMER /LIVINGSTON ROAD TO REPLACE A DAMAGED STRAIN POLE IN PRINCE GEORGES COUNTY, MARYLAND. MD 210 (INDIANHEAD HIGHWAY) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER SHALL BE USED.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.04-01 (SHOULDER WORK) STANDARD NO. MD-104.04-13 (LEFT TURN BAY CLOSURE)
STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE) STANDARD NO. MD-104.04-15 (INTERSECTION LEFT LANE, TURN BAY)
STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)
STANDARD NO. MD-104.04-07 (CENTER LANE CLOSURE)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

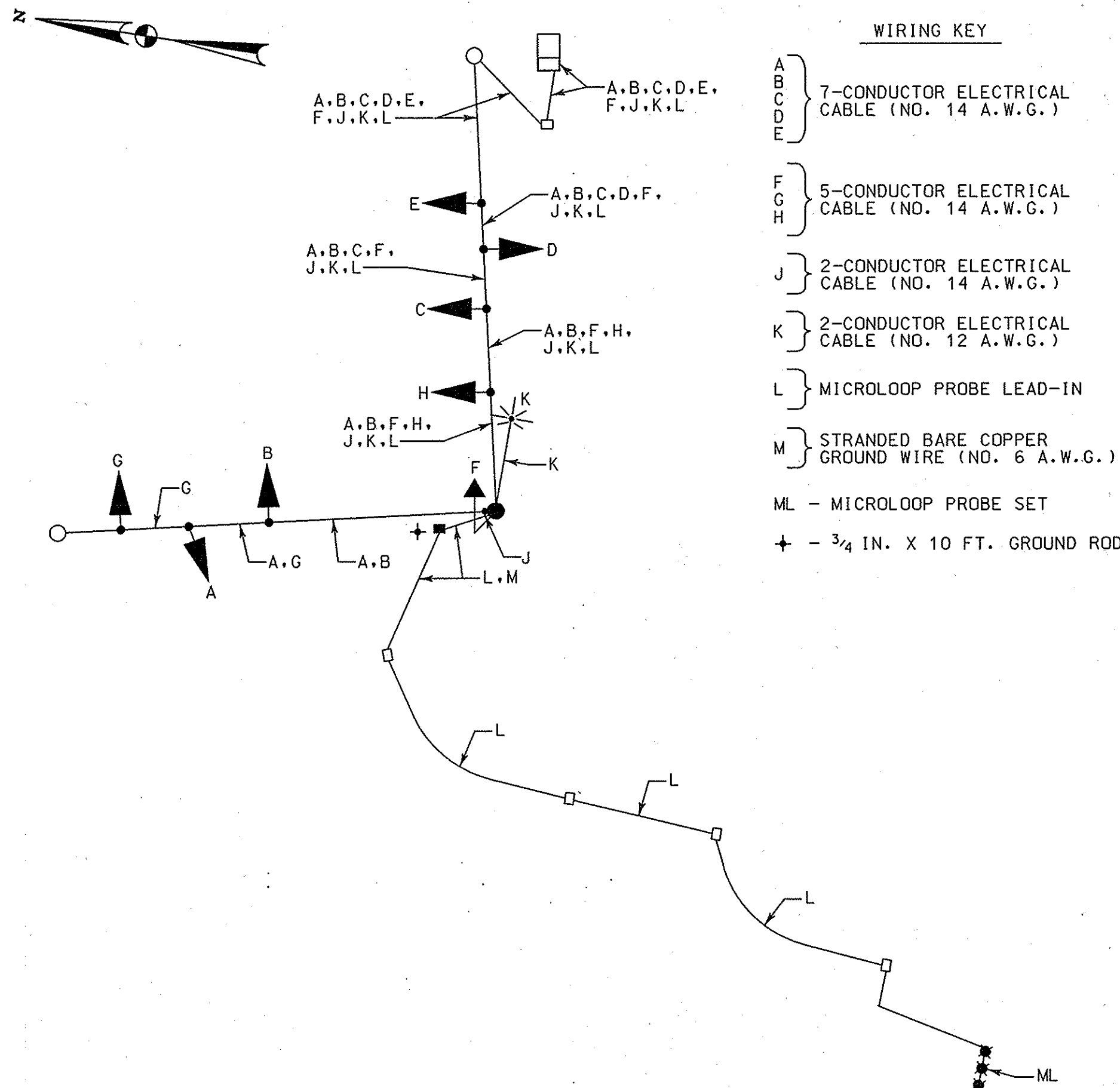
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ASSISTANT DISTRICT ENGINEER - TRAFFIC
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MR. AUGIE REBISH
DISTRICT UTILITY ENGINEER
PHONE: (301) 513-7350

MR. RALEIGH MEDLEY
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
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MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

WIRING DIAGRAM



EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2002	1 EACH	TEST PIT EXCAVATION
6003	32 S.F.	4 INCH CONCRETE SIDEWALK
8001	5 C.Y.	CONCRETE FOUNDATION
8005	1 EACH	15 FOOT LIGHTING ARM ON SIGNAL STRUCTURE
8018	1 EACH	PUSHBUTTON AND SIGN
8020	1 EACH	REMOVE AND DISPOSE OF EQUIPMENT
8022	40 L.F.	2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8026	270 L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 A.W.G.) TO
8030	15 L.F.	NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE
8031	10 L.F.	1 IN. ELECTRICAL CONDUIT - GALVANIZED SLEEVE
8037	10 L.F.	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8047	1 EACH	MICROLOOP PROBE SET WITH 1000 FOOT LEAD-IN CABLE
8050	1 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8052	27 S.F.	INSTALL OVERHEAD SIGN
8057	1 EACH	250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE
8059	1 EACH	GROUND ROD - 3/4 INCH DIAMETER x 10 FOOT LENGTH
8065	270 L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 A.W.G.)
8067	315 L.F.	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)
8068	1200 L.F.	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)
8070	20 L.F.	SAW CUT FOR SIGNAL (LOOP DETECTOR)
8073	1 EACH	INSTALL STRAIN POLE, ANY SIZE
8074	95 L.F.	STEEL SPAN WIRE - 1/4 INCH DIAMETER
8075	265 L.F.	STEEL SPAN WIRE - 3/8 INCH DIAMETER
8079	2 EACH	16 INCH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD SECTION
8080	23 EACH	12 INCH RED OR GREEN LED SIGNAL HEAD SECTION

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9000	1 EACH	12 IN. X 32 FT. STEEL STRAIN POLE WITH ANCHOR BOLTS

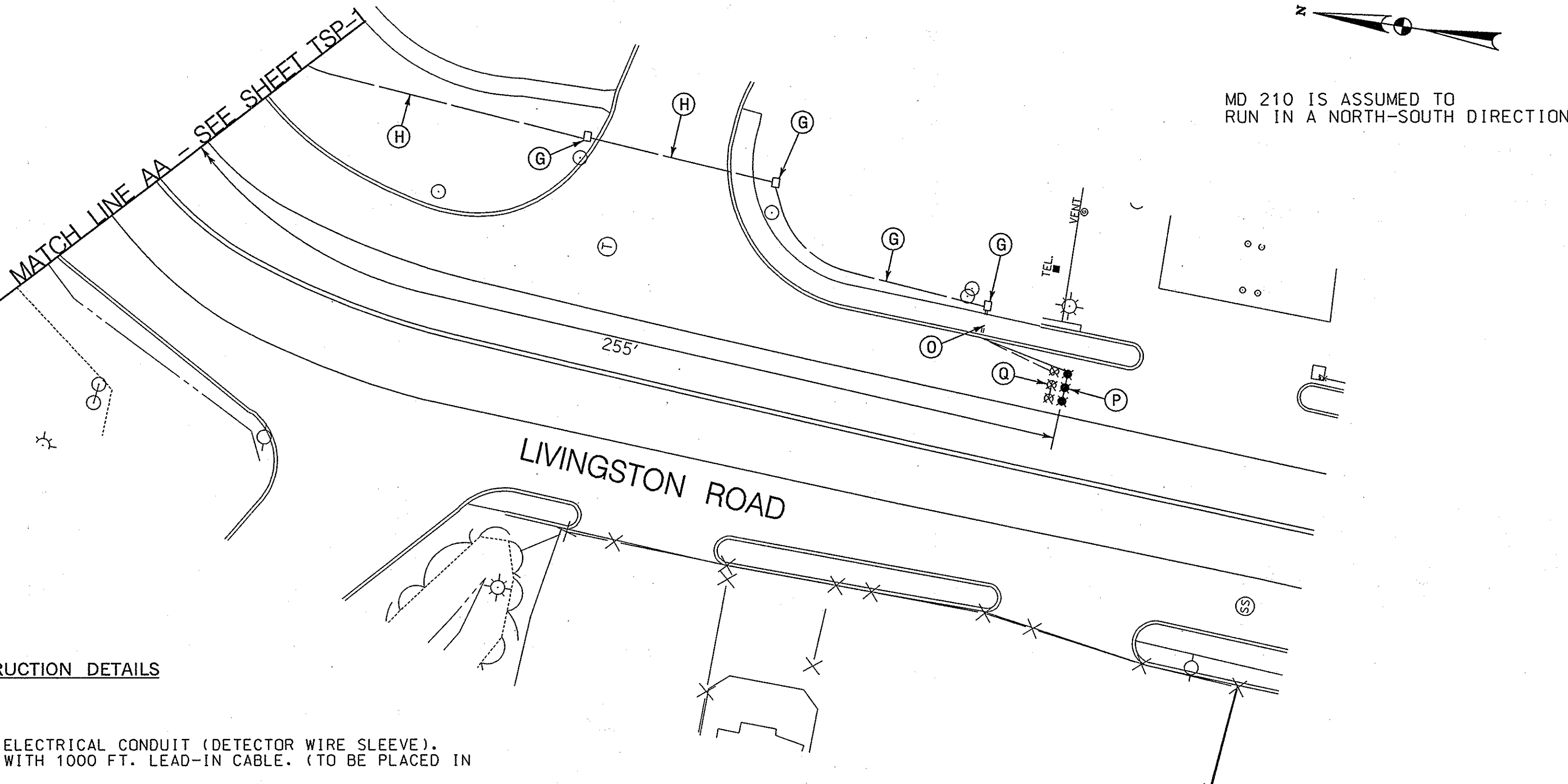
EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

CONSTRUCTION DETAILS

G. USE EXISTING HANDHOLE.
H. USE EXISTING CONDUIT.
O. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
P. INSTALL MICROLOOP PROBES WITH 1000 FT. LEAD-IN CABLE. (TO BE PLACED IN THRU LANE ONLY).
Q. ABANDON EXISTING MICROLOOP PROBE SET.



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 210 (INDIAN HEAD HIGHWAY) AT
PALMER ROAD/LIVINGSTON ROAD

GENERAL INFORMATION SHEET

SCALE 1" = 20' DATE 2/09/2006 CONTRACT NO. OT2005

DESIGNED BY S. BLOSS COUNTY PRINCE GEORGES

DRAWN BY S. BLOSS LOGMILE

CHECKED BY N. LEARY T.I.M.S. NO. H647

F.A.P. NO. TOD NO. TS-918F

DRAWING NO. TSP-2 - 2 OF 2 SHEET NO. OF



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